



SCOTT THOMPSON
EXECUTIVE DIRECTOR

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
GOVERNOR

January 26, 2014

(b) (6)

Dear Mr. (b) (6),

The Oklahoma Department of Environmental Quality (DEQ) sampled water from your house well on December 18th, 2014 as part of a reoccurring sampling event that will be performed approximately every three months. DEQ has offered this sampling to residents that live on, or adjacent to the Wilcox Oil Company Superfund Site. You are receiving this letter because you have provided DEQ permission to enter your property and collect a water sample from your well.

DEQ sampled for three types of contaminants that can be found on historical refinery locations. Those are: Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs) and Metals.

The first two pages of the sampling data is for VOCs. Results of the sampling are located in the Results column. The "<" symbol indicates that the substance was not detected in the sample. The next six pages are for SVOCs, and the last two pages for Metals. The "<" symbol in the Qualifier column indicates that the substance was not detected. No VOC or SVOC chemicals were detected in the water sample from your well. Several metals were detected at normal levels and are not considered to be a health risk.

The purpose of this sampling event was not to fully define the extent or type of contamination that may be present on the Wilcox Site. All potential health risks from the Site are unknown at this time. Further soil, sediment, surface water and ground water testing will be required in the future to determine how best to clean up the Wilcox Site.

If you have questions about this letter or the sampling data, do not hesitate to call me at (405) 702-5136. Please contact Bart Canellas with the U.S. Environmental Protection Agency at (214) 665-6662 with any questions about the EPA Superfund process or plans for the Wilcox Site.

Sincerely,

Todd Downham
Project Manager, Wilcox Oil Company Superfund Site
Land Protection Division
Oklahoma Department of Environmental Quality

c. Bart Canellas, U.S. EPA Dallas



9723636



State Environmental Laboratory Services Division

EPA DRINKING WATER CERTIFICATION #OK00013

General Inquiries: 1-866-412-3057

SAMPLE INFORMATION

Sample Number: 051909.008 Collected By: TD
Description: WR-6; (b) (6) Collected: 12/18/14 11:35 am
Received: 12/18/14 4:12 pm

TEST RESULTS

Analysis: Volatile Organic Compounds Analysis Method: EPA 524.3

Component Name	Result	Unit	Qualifiers	Analyst	Analysis Date
1,1,1-Trichloroethane	<0.5	µg/L		HLR	12/19/14
1,1,2-Trichloroethane	<0.5	µg/L		HLR	12/19/14
1,1-Dichloroethene	<0.5	µg/L		HLR	12/19/14
1,2,4-Trichlorobenzene	<0.5	µg/L		HLR	12/19/14
1,2-Dichlorobenzene	<0.5	µg/L		HLR	12/19/14
1,2-Dichloroethane	<0.5	µg/L		HLR	12/19/14
1,2-Dichloropropane	<0.5	µg/L		HLR	12/19/14
1,4-Dichlorobenzene	<0.5	µg/L		HLR	12/19/14
Benzene	<0.5	µg/L		HLR	12/19/14
Carbon Tetrachloride	<0.5	µg/L		HLR	12/19/14
Chlorobenzene	<0.5	µg/L		HLR	12/19/14
cis-1,2-Dichloroethene	<0.5	µg/L		HLR	12/19/14
Ethylbenzene	<0.5	µg/L		HLR	12/19/14
Methyl tert-Butyl Ether (MtBE)	<0.5	µg/L		HLR	12/19/14
Methylene Chloride	<0.5	µg/L		HLR	12/19/14
Styrene	<0.5	µg/L		HLR	12/19/14
Tetrachloroethene	<0.5	µg/L		HLR	12/19/14
Toluene	<0.5	µg/L		HLR	12/19/14
trans-1,2-Dichloroethene	<0.5	µg/L		HLR	12/19/14
Trichloroethene	<0.5	µg/L		HLR	12/19/14
Vinyl Chloride	<0.5	µg/L		HLR	12/19/14
Xylenes	<0.5	µg/L		HLR	12/19/14

Sample Number: 541687
 Project Code: SW-WE
 Agency Number:
 Date Collected: 12/18/2014
 Time Collected: 1135
 Date Received: 12/18/2014
 Date Completed: 01/08/2015
 Collected By: TD
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 1/8/2015

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-866-412-3057
 or selsd@deq.ok.gov

Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: TODD DOWNHAM/LPD

CC: FILE COPY

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab		1.03				
Acenaphthylene	<	20.6	UG/L	01/06/15	8270D	
Acenaphthene	<	20.6	UG/L	01/06/15	8270D	
Anthracene	<	20.6	UG/L	01/06/15	8270D	
Benzo(b)fluoranthene	<	20.6	UG/L	01/06/15	8270D	
Benzo(k)fluoranthene	<	20.6	UG/L	01/06/15	8270D	
Benzo(a)pyrene	<	20.6	UG/L	01/06/15	8270D	
Bis(2-chloroethyl) ether	<	20.6	UG/L	01/06/15	8270D	
Bis(2-chloroethoxy) methane	<	20.6	UG/L	01/06/15	8270D	
Bis(2-chloroisopropyl) ether	<	20.6	UG/L	01/06/15	8270D	
Butylbenzylphthalate	<	20.6	UG/L	01/06/15	8270D	
Chrysene	<	20.6	UG/L	01/06/15	8270D	
Diethylphthalate	<	20.6	UG/L	01/06/15	8270D	
Dimethylphthalate	<	20.6	UG/L	01/06/15	8270D	
Fluoranthene	<	20.6	UG/L	01/06/15	8270D	
Fluorene	<	20.6	UG/L	01/06/15	8270D	
Hexachlorocyclopentadiene	<	20.6	UG/L	01/06/15	8270D	
Hexachloroethane in water	<	20.6	UG/L	01/06/15	8270D	
Indeno(123cd)pyrene	<	20.6	UG/L	01/06/15	8270D	
Isophorone	<	20.6	UG/L	01/06/15	8270D	
Nitrosodipropylamine	<	20.6	UG/L	01/06/15	8270D	
Nitrosodiphenylamine	<	20.6	UG/L	01/06/15	8270D	
Nitrobenzene	<	20.6	UG/L	01/06/15	8270D	
p-Chloro-m-cresol	<	20.6	UG/L	01/06/15	8270D	
Phenanthrene	<	20.6	UG/L	01/06/15	8270D	
Pyrene	<	20.6	UG/L	01/06/15	8270D	
Benzo(ghi)perylene	<	20.6	UG/L	01/06/15	8270D	
Benzo(a)anthracene	<	20.6	UG/L	01/06/15	8270D	
1,2,4-Trichlorobenzene	<	20.6	UG/L	01/06/15	8270D	
Dibenzo(ah)anthracene	<	20.6	UG/L	01/06/15	8270D	
1,4-Dichlorobenzene	<	20.6	UG/L	01/06/15	8270D	
2-Chloronaphthalene	<	20.6	UG/L	01/06/15	8270D	
2-Chlorophenol	<	20.6	UG/L	01/06/15	8270D	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2-Nitrophenol	<	20.6	UG/L	01/06/15	8270D	
Di-n-octylphthalate	<	20.6	UG/L	01/06/15	8270D	
2,4-Dichlorophenol	<	20.6	UG/L	01/06/15	8270D	
2,4-Dimethylphenol	<	20.6	UG/L	01/06/15	8270D	
2,4-Dinitrotoluene	<	20.6	UG/L	01/06/15	8270D	
2,4-Dinitrophenol	<	51.5	UG/L	01/06/15	8270D	
2,4,6-Trichlorophenol	<	20.6	UG/L	01/06/15	8270D	
2,6-Dinitrotoluene	<	20.6	UG/L	01/06/15	8270D	
3,3'-Dichlorobenzidine	<	20.6	UG/L	01/06/15	8270D	
4-Bromophenylphenyl ether	<	20.6	UG/L	01/06/15	8270D	
4-Chlorophenyl phenylether	<	20.6	UG/L	01/06/15	8270D	
4-Nitrophenol	<	51.5	UG/L	01/06/15	8270D	
4,6-Dinitro-o-cresol	<	51.5	UG/L	01/06/15	8270D	
Phenol	<	20.6	UG/L	01/06/15	8270D	
Naphthalene	<	20.6	UG/L	01/06/15	8270D	
Pentachlorophenol	<	51.5	UG/L	01/06/15	8270D	
Bis(2-ethylhexyl)phthalate	<	20.6	UG/L	01/06/15	8270D	
Di-n-butylphthalate	<	20.6	UG/L	01/06/15	8270D	
Hexachlorobenzene	<	20.6	UG/L	01/06/15	8270D	
Hexachlorobutadiene	<	20.6	UG/L	01/06/15	8270D	
Dibenzofuran	<	20.6	UG/L	01/06/15	8270D	
2-Methylnaphthalene	<	20.6	UG/L	01/06/15	8270D	
2-Methylphenol	<	20.6	UG/L	01/06/15	8270D	
4-Methylphenol	<	20.6	UG/L	01/06/15	8270D	
2,4,5-Trichlorophenol	<	20.6	UG/L	01/06/15	8270D	
4-Chloroaniline	<	20.6	UG/L	01/06/15	8270D	
2-Nitroaniline	<	51.5	UG/L	01/06/15	8270D	
3-Nitroaniline	<	51.5	UG/L	01/06/15	8270D	
4-Nitroaniline	<	51.5	UG/L	01/06/15	8270D	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		18
2-FLUOROBIPHENYL		56

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COMPOUND	SURROGATE RECOVERIES	RECOVERY %
P-TERPHENYL-D14		80
2-FLUOROPHENOL		23
2,4,6-TRIBROMOPHENOL		70
NITROBENZENE-D5		51

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
1,2-Benzenedicarboxylic acid, d		131	ug/L

Summary

Labs performing analysis on this Sample:

Metals GCMS

SOURCE: WILCOX

SAMPLERS COMMENTS:

WR-6;LANE

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.4

ANALYST'S COMMENTS:

Olivia Pierce (8270DM), (NJ) The analysis indicates the presence of one or more compounds that have been 'tentatively identified,' and the associated numerical values represent their approximate concentrations.

* ANALYST



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Report of Analysis by Metals
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To: TODD DOWNHAM/LPD

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Arsenic, Total	<	2.00	UG/L	12/31/14	200.8	
Barium, Total		59.1	UG/L	12/31/14	200.8	
Beryllium, Total	<	2.00	UG/L	12/31/14	200.8	
Cadmium, Total	<	2.00	UG/L	12/31/14	200.8	
Chromium, Total		5.20	UG/L	12/31/14	200.8	
Copper, Total	<	5.00	UG/L	12/31/14	200.8	
Lead, Total	<	5.00	UG/L	12/31/14	200.8	
Thallium, Total	<	1.00	UG/L	12/31/14	200.8	
Nickel, Total	<	10.0	UG/L	12/31/14	200.8	
Silver, Total	<	10.0	UG/L	12/31/14	200.8	
Zinc, Total		18.7	UG/L	12/31/14	200.8	
Antimony, Total	<	2.00	UG/L	01/08/15	200.8	
Selenium, Total	<	10.0	UG/L	12/31/14	200.8	
Mercury, Total	<	0.05	UG/L	01/06/15	200.8	

Summary

Labs performing analysis on this Sample:

Metals GCMS

SOURCE: WILCOX

SAMPLERS COMMENTS:

WR-6;LANE

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.4

ANALYST'S COMMENTS:

*

* ANALYST

Greg Goode
Greg Goode
State Environmental Laboratory